

# 3<sup>rd</sup> Zurich Clinics Meets Data Science Symposium

08.06.2023, Grosser Hörsaal Ost, USZ

9.00 a.m.	<b>Welcome</b> Abdullah Kahraman
	<b>Session 1:</b> Chair: Michael Krauthammer
9.10 a.m.	<b>Keynote:</b> <b>Turning images into data: image quantification, radiomics, and beyond</b> Björn Menze, University Hospital Zurich
09.50 a.m.	<b>Data-driven approaches to advance care in spinal cord injury</b> Catherine Jutzeler, Schulthess Klinik Zurich
10.20 a.m.	<b>Dissecting responses to immunotherapy using high-dimensional single-cell analysis</b> Raphael Gottardo, Centre Hospitalier Universitaire Vaudois
10.50 a.m.	<b>Break</b>
11.20 a.m.	<b>Flexible digital clinical trial infrastructure supporting data-driven clinical research</b> Sebastiano Caprara, University Hospital Balgrist, Zurich
11.50 am	<b>Keynote: Multiomics</b> <b>(Un-) supervised learning of cell population structure, transitions and spatial arrangement from single-cell</b> Manfred Claassen, University Hospital Tübingen
12.30 p.m.	<b>Lunch Break</b>

	<b>Session 2:</b> Chair: Adrian Jaeggi
1.40 p.m.	<b>Keynote: Harnessing evolutionary dynamics to control or cure metastatic cancers</b> Robert Gatzenby, Moffit Cancer Center, Florida
2.20 p.m.	<b>Advancing Molecular Pathology in the 21st century</b> Bettina Sobotka, University Hospital Zurich
2.50 p.m.	<b>Treatment monitoring through liquid biopsy nucleosome profiling</b> Zsolt Balazs, University Hospital Zurich
3.20 p.m.	<b>Break</b>
3.50 p.m.	<b>Probing the Alternative Splicing Landscape for Novel Biomarkers</b> Abdullah Kahraman, University of Applied Sciences Northwestern Switzerland
4.20 p.m.	<b>Precision oncology: a Swiss and international perspective</b> Andreas Wicki, University Hospital Zurich
4:50 p.m.	<b>Keynote: Somatic evolution of human cancer</b> Franziska Michor, Harvard, Dana-Farber Cancer Institute
5.30 p.m.	<b>Panel Discussion: Future of Clinical Data Science</b> Chair: Michael Krauthammer, Adrian Jaeggi
6.00 p.m.	<b>End</b>